

? show files;ds

File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)

(c) 2007 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2007/ 200716

(c) 2007 EUROPEAN PATENT OFFICE

File 349:PCT FULLTEXT 1979-2007/UB=20070503UT=20070426

(c) 2007 WIPO/Thomson

File 350:Derwent WPIX 1963-2007/UD=200729

(c) 2007 The Thomson Corporation

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

File 120:U.S. Copyrights 1978-2007/May 08

(c) format only 2007 Dialog

File 426:LCMARC-Books 1968-2007/May W1

(c) format only 2007 Dialog

File 430:British Books in Print 2007/Jan W3

(c) 2007 J. Whitaker & Sons Ltd.

File 483:Newspaper Abs Daily 1986-2007/May 10

(c) 2007 ProQuest Info&Learning

File 2:INSPEC 1898-2007/Apr W5

(c) 2007 Institution of Electrical Engineers

File 35:Dissertation Abs Online 1861-2007/Apr

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File 65:Inside Conferences 1993-2007/May 10

(c) 2007 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Apr

(c) 2007 The HW Wilson Co.

File 474:New York Times Abs 1969-2007/May 10

(c) 2007 The New York Times

File 475:Wall Street Journal Abs 1973-2007/May 10

(c) 2007 The New York Times

File 256:TecInfoSource 82-2007/May

(c) 2007 Info.Sources Inc

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 The Gale Group

File 139:EconLit 1969-2007/Apr

(c) 2007 American Economic Association

File 56:Computer and Information Systems Abstracts 1966-2007/Apr

(c) 2007 CSA.

File 8:Ei Compendex(R) 1884-2007/Apr W5

(c) 2007 Elsevier Eng. Info. Inc.

File 6:NTIS 1964-2007/May W2

(c) 2007 NTIS, Intl Cpyrghrt All Rights Res

File 144:Pascal 1973-2007/Apr W4

(c) 2007 INIST/CNRS

File 34:SciSearch(R) Cited Ref Sci 1990-2007/Apr W4

(c) 2007 The Thomson Corp

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 2006 The Thomson Corp

File 9:Business & Industry(R) Jul/1994-2007/May 09

(c) 2007 The Gale Group

File 15:ABI/Inform(R) 1971-2007/May 10

(c) 2007 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2007/May 09

(c) 2007 The Gale Group

File 20:Dialog Global Reporter 1997-2007/May 10

(c) 2007 Dialog

File 148:Gale Group Trade & Industry DB 1976-2007/May 09

(c)2007 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2007/May 09  
 (c) 2007 The Gale Group  
 File 476:Financial Times Fulltext 1982-2007/May 10  
 (c) 2007 Financial Times Ltd  
 File 610:Business Wire 1999-2007/May 10  
 (c) 2007 Business Wire.  
 File 613:PR Newswire 1999-2007/May 10  
 (c) 2007 PR Newswire Association Inc  
 File 621:Gale Group New Prod.Annou.(R) 1985-2007/May 09  
 (c) 2007 The Gale Group  
 File 624:McGraw-Hill Publications 1985-2007/May 10  
 (c) 2007 McGraw-Hill Co. Inc  
 File 634:San Jose Mercury Jun 1985-2007/May 09  
 (c) 2007 San Jose Mercury News  
 File 636:Gale Group Newsletter DB(TM) 1987-2007/May 09  
 (c) 2007 The Gale Group  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
 File 267:Finance & Banking Newsletters 2007/May 07  
 (c) 2007 Dialog  
 File 268:Banking Info Source 1981-2007/Apr W4  
 (c) 2007 ProQuest Info&Learning  
 File 625:American Banker Publications 1981-2007/May 07  
 (c) 2007 American Banker  
 File 626:Bond Buyer Full Text 1981-2007/May 08  
 (c) 2007 Bond Buyer  
 File 608:KR/T Bus.News. 1992-2007/May 10  
 (c)2007 Knight Ridder/Tribune Bus News  
 File 635:Business Dateline(R) 1985-2007/May 10  
 (c) 2007 ProQuest Info&Learning  
 File 647:CMP Computer Fulltext 1988-2007/Jul W5  
 (c) 2007 CMP Media, LLC  
 File 674:Computer News Fulltext 1989-2006/Sep W1  
 (c) 2006 IDG Communications  
 File 696:DIALOG Telecom. Newsletters 1995-2007/May 08  
 (c) 2007 Dialog  
 File 369:New Scientist 1994-2007/Dec W3  
 (c) 2007 Reed Business Information Ltd.  
 File 370:Science 1996-1999/Jul W3  
 (c) 1999 AAAS  
 File 484:Periodical Abs Plustext 1986-2007/May W1  
 (c) 2007 ProQuest  
 File 95:TEME-Technology & Management 1989-2007/May W1  
 (c) 2007 FIZ TECHNIK  
 File 13:BAMP 2007/Apr W5  
 (c) 2007 The Gale Group  
 File 75:TGG Management Contents(R) 86-2007/Apr W5  
 (c) 2007 The Gale Group  
 File 249:Mgt. & Mktg. Abs. 1976-2007Apr W5  
 (c) 2007 Pira International

Set	Items	Description
S1	18	AU='MIZRAH L L':AU='MIZRAH LEN L'
S2	10	AU='MIZRAH, LEN L.':AU='MIZRAH, LEN, L.'
S3	9	IV='MIZRAH L L':IV='MIZRAH LEN L'
S4	9	IV='MIZRAH, LEN L.':IV='MIZRAH, LEN, L.'
S5	6	AU=MIZRAH(2N)(LEN OR LIN OR LL OR L.L.) OR BY=MIZRAH(2N)(L- EN OR LIN OR LL OR L.L.) OR IV=MIZRAH(2N)(LEN OR LIN OR LL OR

L.L.)

S6	19	S1:S5
S7	18	S6 FROM 347,348,349,350,371
S8	8	FRAUD OR FRAUDULEN?? OR DEFRAUD??? OR THEFT OR STEAL??? OR CHEAT??? OR DECEPTI?? OR ILLEGAL??? OR DISHONEST OR DISHONESTY
S9	8	S7 AND S8
S10	8	IDPAT (sorted in duplicate/non-duplicate order)
S11	4	IDPAT (primary/non-duplicate records only)
S12	1	S6 NOT S7
S13	5	S11 OR S12

13/3,K/1 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2007 WIPO/Thomson. All rts. reserv.

01348420 \*\*Image available\*\*

**AUTHENTICATION SYSTEM AND METHOD BASED UPON RANDOM PARTIAL DIGITIZED PATH  
RECOGNITION**

**SYSTEME ET PROCEDE D'AUTHENTIFICATION FONDE SUR LA RECONNAISSANCE D'UN  
CHEMIN NUMERISE PARTIEL ALEATOIRE**

Patent Applicant/Assignee:

AUTHERNATIVE INC, 1958 Stratton Circle, Walnut Creek, CA 94598, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

**MIZRAH Len** L, 157 Glasgow Lane, San Carlos, CA 94070, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HAYNES Mark A et al (agent), Haynes, Beffel & Wolfeld LLP, P.O. Box 366,  
Half Moon Bay, CA 94019, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200631212 A1 20060323 (WO 0631212)

Application: WO 2004US29321 20040909 (PCT/WO US2004029321)

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9323

Patent Applicant/Inventor:

**MIZRAH Len** L...

Fulltext Availability:

Detailed Description

Detailed Description

... problems arising in large scale systems, like deficiencies in state /  
country voting systems, credit card **fraud**, privacy and security  
breaches at health data banks and at financial service organizations,  
NECrossoft 2000...

...Defense - no standard protection except making hardware protection at a  
microprocessor level.

**10. Password File Theft**

Every user name has a password entry in a hashed form which can be read  
...

...extremely effective against computer data processing dictionary or brute  
force attacks, password guessing, password file **theft**, shoulder  
surfing, eavesdropping, videotaping, Trojan Horse attack, memory sniffing  
attacks, keystroke monitoring, and network sniffing...

13/3,K/3 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0014328989 - Drawing available  
WPI ACC NO: 2004-516745/200449  
Related WPI Acc No: 2004-498689; 2004-516746  
XRPX Acc No: N2004-409487

**Client authentication system for network security access control against password file theft , supports client account administration having operation mode presenting client interface through network having security tiers**

Patent Assignee: AUTHENTURE INC (AUTH-N)

Inventor: MIZRAH L L

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20040123151	A1	20040624	US 2002328640	A	20021223	200449 B
			US 2003353500	A	20030129	
			US 2003378226	A	20030303	

Priority Applications (no., kind, date): US 2003353500 A 20030129; US 2002328640 A 20021223; US 2003378226 A 20030303

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040123151	A1	EN	33	16	C-I-P of application US 2002328640 C-I-P of application US 2003353500

**Client authentication system for network security access control against password file theft , supports client account administration having operation mode presenting client interface through network having security tiers**

Inventor: MIZRAH L L

**Alerting Abstract** ...security access control against computer data processing dictionary, brute force attack, password guessing, password file theft , shoulder surfing, eavesdropping, videotaping, Trojan Horse attack, memory sniffing attacks, keystroke monitoring, network sniffing, attacks...

...arising in large scale system, such as deficiencies in state/country voting system, credit card fraud , privacy and security breaches at health data banks and at financial service organization...

**Title Terms...**/Index Terms/Additional Words: **THEFT ;**

#### Original Publication Data by Authority

Inventor name & address:

Mizrah, Len L ...

13/3,K/4 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0012641700 - Drawing available  
WPI ACC NO: 2002-490934/200253

XRPX Acc No: N2002-388133

Managing of financial transactions involves performing authentication for predicted transaction, performing authorization for particular transaction with actual transaction amount and time, and performing account process

Patent Assignee: AUTHENTURE INC (AUTH-N); AUTHERNATIVE INC (AUTH-N)

Inventor: MIZRAH L L

Patent Family (10 patents, 32 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
AU 200183647	A	20020509	AU 200183647	A	20011026	200253 B
CA 2359651	A1	20020503	CA 2359651	A	20011023	200253 E
EP 1223524	A2	20020717	EP 2001309186	A	20011030	200254 E
JP 2002245243	A	20020830	JP 2001374962	A	20011102	200273 E
CN 1357850	A	20020710	CN 2001143367	A	20011103	200278 E
NZ 515201	A	20030429	NZ 515201	A	20011101	200334 E
AU 765797	B	20031002	AU 200183647	A	20011026	200373 E
JP 2006073022	A	20060316	JP 2001374962	A	20011102	200621 E
			JP 2005266859	A	20050914	
CA 2359651	C	20060411	CA 2359651	A	20011023	200626 E
US 20060136317	A1	20060622	US 2000706370	A	20001103	200642 E
			US 2006353560	A	20060214	

Priority Applications (no., kind, date): US 2006353560 A 20060214; US 2000706370 A 20001103

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
AU 200183647	A	EN	55	9	
CA 2359651	A1	EN			
EP 1223524	A2	EN			
Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2002245243	A	JA	73		
NZ 515201	A	EN			
AU 765797	B	EN			Previously issued patent AU 200183647
JP 2006073022	A	JA	24		Division of application JP 2001374962
CA 2359651	C	EN			
US 20060136317	A1	EN			Continuation of application US 2000706370

Inventor: MIZRAH L L

**Alerting Abstract** ...preserving highly elevated and enhanced security and fraud protection as compared with conventional methods. It **allows** a financial account holder to cut off bank tellers from their private personal files during...

#### Original Publication Data by Authority

Inventor name & address:

MIZRAH L L ...

... MIZRAH L L ...

... MIZRAH L L ...

... Mizrah, Len L ...

... MIZRAH LEN L ...

... MIZRAH L L ...

... Mizrah, Len L

**Original Abstracts:**

...the transaction counterparts, while preserving highly elevated and enhanced security and fraud protection as compared **with** conventional methods. Before financial transaction, financial account holder initiates an authentication session with financial institution...

13/AA,AN,AZ,TI/1 (Item 1 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01348420  
**AUTHENTICATION SYSTEM AND METHOD BASED UPON RANDOM PARTIAL DIGITIZED PATH  
RECOGNITION**  
**SYSTEME ET PROCEDE D'AUTHENTIFICATION FONDE SUR LA RECONNAISSANCE D'UN  
CHEMIN NUMERISE PARTIEL ALEATOIRE**  
Application: WO 2004US29321 20040909 (PCT/WO US2004029321)

13/AA,AN,AZ,TI/2 (Item 1 from file: 350)  
DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0014328990  
WPI ACC NO: 2004-516746/  
**Interactive method for authentication of client in client-server network,  
involves transmitting data about positions in ordered set of random subset  
of data fields, to client by server**

**Original Titles:**

Authentifizierungs-System und -Verfahren basierend auf zufälliger  
partieller Mustererkennung  
Authentication system and method based upon random partial pattern  
recognition  
Systeme et procede d'authentification bases sur la reconnaissance de formes  
partielle aleatoire  
System und Verfahren zur Authentifizierung basierend auf zufälliger  
partieller Mustererkennung  
Authentication system and method based upon random partial pattern  
recognition  
Systeme et procede d'authentification bases sur la reconnaissance de formes  
partielle aleatoire  
AUTHENTICATION SYSTEM AND DEVICE BASED ON RANDOM PARTIAL PATTERN  
RECOGNITION  
Authentication system and method based upon random partial pattern  
recognition  
Local Applications (No Type Date): US 2002328640 A 20021223; EP  
2003258077 A 20031219; JP 2003436823 A 20031224; EP 2003258077 A  
20031219; DE 60311757 A 20031219; EP 2003258077 A 20031219  
Priority Applications (no., kind, date): US 2002328640 A 20021223

13/AA,AN,AZ,TI/3 (Item 2 from file: 350)  
DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0014328989  
WPI ACC NO: 2004-516745/  
**Client authentication system for network security access control against  
password file theft , supports client account administration having  
operation mode presenting client interface through network having security  
tiers**

**Original Titles:**

Operation modes for user authentication system based on random partial  
pattern recognition  
Local Applications (No Type Date): US 2002328640 A 20021223; US  
2003353500 A 20030129; US 2003378226 A 20030303  
Priority Applications (no., kind, date): US 2003353500 A 20030129; US



2002328640 A 20021223; US 2003378226 A 20030303

13/AA,AN,AZ,TI/4 (Item 3 from file: 350)

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0012641700

WPI ACC NO: 2002-490934/

Managing of financial transactions involves performing authentication for predicted transaction, performing authorization for particular transaction with actual transaction amount and time, and performing account process

**Original Titles:**

System und Verfahren fur sichere private finanzielle Transaktionen

System and method for private and secure financial transactions

Systeme et procede pour des transactions financieres securisees et privees

PRIVATE AND SECURE FINANCIAL TRANSACTION SYSTEM AND METHOD

Method of one time authentication response to a session-specific challenge

indicating a random subset of password or PIN character positions

Local Applications (No Type Date): AU 200183647 A 20011026; CA 2359651 A

20011023; EP 2001309186 A 20011030; JP 2001374962 A 20011102; CN

2001143367 A 20011103; NZ 515201 A 20011101; AU 200183647 A

20011026; JP 2001374962 A 20011102; JP 2005266859 A 20050914; CA

2359651 A 20011023; US 2000706370 A 20001103; US 2006353560 A

20060214

Priority Applications (no., kind, date): US 2006353560 A 20060214; US

2000706370 A 20001103

13/AA,AN,AZ,TI/5 (Item 1 from file: 120)

DIALOG(R)File 120:(c) format only 2007 Dialog. All rts. reserv.

08859250

Pry4IC : profit revenue and yield for integrated circuits.

? show files;ds

File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)

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File 350:Derwent WPIX 1963-2007/UD=200729

(c) 2007 The Thomson Corporation

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	3703833	DETECT??? OR FIND??? OR DISCOVER??? OR SPOT???? OR CATCH??? OR RECOGNI? OR MONITOR??? OR ASSESS? OR IDENTIFY??? OR IDENT- IFICATION OR CHECK???
S2	57009	FRAUD OR FRAUDULEN?? OR DEFRAUD??? OR THEFT OR STEAL??? OR CHEAT??? OR DECEPTI?? OR ILLEGAL??? OR DISHONEST OR DISHONESTY
S3	28313	(CHARGE OR CREDIT OR BANK OR MASTER OR SMART OR AMERICAN()- EXPRESS)() (CARD OR CARDS) OR CHARGECARD OR CHARGECARDS OR CRE- DITCARD OR CREDITCARDS OR BANKCARD OR BANKCARDS OR VISA OR MA- STERCARD OR AMEX
S4	3019476	COMPAR??? OR COMPARISON OR RECONCIL? OR CORRELAT??? OR COR- ELAT??? OR JUXTAPOS? OR MATCH??? OR CORRESPOND? OR CONFIRM???
S5	306147	AUTHENTICATI?? OR SIGNATURE OR AUTHORI?ATION OR (2 OR TWO - OR UNIQUE OR DISTINCT?) (2N) (FACTOR OR FACTORS OR ELEMENT OR E- LEMENTS OR CHARACTERISTIC OR CHARACTERISTICS OR ATTRIBUTE OR - ATTRIBUTES OR PARAMAT??? OR PARAMET???)
S6	1760520	AMOUNT OR AMOUNTS OR TOTAL OR TOTALS
S7	6177	S1(3N)S2
S8	101	S3(10N)S7
S9	232	S4(10N) (S5(10N)S6)
S10	0	S8(S)S9
S11	0	S8 AND S9
S12	7512	S1(5N)S2
S13	0	S3(S)S9(S)S12
S14	99676	S4(10N) (S5 OR S6)
S15	6	S8(S)S14
S16	8	S3(S)S12(S)S14
S17	50	S1 AND S2 AND S3 AND S4 AND S5 AND S6
S18	1701906	IC=(G06F OR G06Q OR H04M)
S19	41	S17 AND S18
S20	3	S1(S)S2(S)S3(S)S4(S)S5(S)S6
S21	8	S7 AND S3 AND S4 AND S5 AND S6
S22	36	S4 AND S5 AND S6 AND S7
S23	22	S18 AND S22
S24	31	S15 OR S20 OR S23
S25	31	IDPAT (sorted in duplicate/non-duplicate order)
S26	31	IDPAT (primary/non-duplicate records only)

26/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014928821 - Drawing available

WPI ACC NO: 2005-276537/200529

XRPX Acc No: N2005-227190

**Illegal duplication identification apparatus of credit card, compares authentication code generated by authentication processing apparatus based on card information, and code calculated by terminal system**

Patent Assignee: HITACHI LTD (HITA)

Inventor: IWATA T

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2005084952	A	20050331	JP 2003316182	A	20030909	200529 B

Priority Applications (no., kind, date): JP 2003316182 A 20030909

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2005084952	A	JA	7	6	

**Illegal duplication identification apparatus of credit card, compares authentication code generated by authentication processing apparatus based on card information, and code calculated by terminal system**

26/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014716272 - Drawing available

WPI ACC NO: 2005-063889/200507

XRPX Acc No: N2005-055340

**User's signature validating method for during payment card transaction, involves comparing written signatures of user at point of sale with signature block of payment card, and notifying whether signatures meet preset criteria**

Patent Assignee: RAMIAN A (RAMI-I)

Inventor: RAMIAN A

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20040249747	A1	20041209	US 2003442967	P	20030127	200507 B
			US 2004764987	A	20040126	

Priority Applications (no., kind, date): US 2003442967 P 20030127; US 2004764987 A 20040126

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040249747	A1	EN	6	1	Related to Provisional US 2003442967

**Original Publication Data by Authority**

**Original Abstracts:**

...credit card user from financial misappropriation and identify theft.

Means for comparing a transaction receipt **signature** against another

signature is provided. If the comparison does not meet certain predetermined criteria, the need for additional identification is automatically conveyed to the sales associate. The...

...card will be found more quickly. The employment of an electronic comparison of the user's signature as it appears on the credit card eliminates human error.

26/3,K/8 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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0014381070 - Drawing available

WPI ACC NO: 2004-570116/200455

Related WPI Acc No: 2004-602155; 2004-602157

XRPX Acc No: N2004-450882

**Financial transaction verification method in electronic commerce, involves issuing identification for payment instrument registered by payer, and authenticating payee using ID before transferring funds to payee's account**

Patent Assignee: LEW C (LEWC-I); SONG A (SONG-I); SONG V (SONG-I); SONG Y (SONG-I)

Inventor: LEW C; SONG A; SONG V; SONG Y

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20040138991	A1	20040715	US 2003438574	P	20030109	200455 B
			US 2003463535	P	20030418	
			US 2003488985	P	20030722	
			US 2003488987	P	20030722	
			US 2003488988	P	20030722	
			US 2003646314	A	20030821	

Priority Applications (no., kind, date): US 2003488988 P 20030722; US 2003488987 P 20030722; US 2003488985 P 20030722; US 2003463535 P 20030418; US 2003438574 P 20030109; US 2003646314 A 20030821

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040138991	A1	EN	11	2	Related to Provisional US 2003438574
					Related to Provisional US 2003463535
					Related to Provisional US 2003488985
					Related to Provisional US 2003488987

Related to Provisional US 2003488988

**...verification method in electronic commerce, involves issuing identification for payment instrument registered by payer, and authenticating payee using ID before transferring funds to payee's account**

...NOVELTY - An account is opened for the payer in network financial center after authenticating payer's identity and financial institution. The payer is guided to register a payment instrument...

...issued for the instrument. The payee is authenticated using the ID to verify whether transaction amount on the instrument matches with that registered by payer, before transferring funds to payee's account.

#### Class Codes

International Classification (Main): G06F-017/60

#### Original Publication Data by Authority

**Original Abstracts:**

...part of the transaction. The payment document may be an Anti-Fraud Check which has **been endorsed** with an anti-fraud system supplied "TIN" or "FSTIN" that provides better fraud protection than...

**Claims:**

...for a payer in a networked financial center after authenticating the payer's identity, payer's financial institution and the specific account at that institution; again authenticating the payer's identity before the payer **can** register a payment instrument with the networked financial center; guiding the payer through a payment...

...name, identification information, and transaction amount is entered into a database of the networked financial **center** ; issuing a unique

Transaction Identification Number for the registered payment instrument; authenticating the payee's identity before the payee can perform any transaction with the **networked** financial center; once the payee's identity has been authenticated, using the Transaction Identification Number...

...on the payment instrument match the payee information and the transaction amount registered by the **payer** into the database of **networked** financial center; and if the verification **is** successful and the specified transaction funds are available, causing the funds to be transferred to...

**26/3,K/9 (Item 9 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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0012979514 - Drawing available

WPI ACC NO: 2003-056982/200305

Related WPI Acc No: 2003-557830; 2005-394763; 2006-633502

XRPX Acc No: N2003-044059

**Bank check authenticity verification system has central processing unit which provides verification signal to cashing terminal based on comparison between pre-printed account data and individualized payee data appearing on same bank check**

Patent Assignee: PAGE T (PAGE-I)

Inventor: PAGE T

**Patent Family** (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6464134	B1	20021015	US 1999458974	A	19991210	200305 B
CA 2408078	A1	20040415	CA 2408078	A	20021015	200433 NCE

Priority Applications (no., kind, date): US 1999458974 A 19991210; CA 2408078 A 20021015

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6464134	B1	EN	10	2	
CA 2408078	A1	EN			

**...verification system has central processing unit which provides verification signal to cashing terminal based on comparison between pre-printed account data and individualized payee data appearing on same**

## bank check

**Alerting Abstract** ...individualized payee data appearing on the same bank check. A central data processing unit (16) **compares** the data sets and communicates a verification signal to the cashing terminal if the **comparison** result is positive. DESCRIPTION - An INDEPENDENT CLAIM is included for bank check authenticity verification and payment **authorization** method...

...ADVANTAGE - By communicating a verification signal to the cashing terminal based on the **comparison** between the pre-printed account data and individualized payee data appearing on the same check, the problems related to **check fraud** is eliminated...

**Title Terms...**/Index Terms/Additional Words: **COMPARE** ;

### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0020/00 ...

G06Q-0020/00 ...

### Original Publication Data by Authority

#### Original Abstracts:

...is communicated to a processing center for temporary storage and eventual comparison. Upon presentation of **the** check for deposit or cashing, the bank or check cashing agency will establish a second...

...processing center where the first and second sets of data are compared to assure that **at** least the payee identification and the value of the check are identical to the same...

...on the check at the issuing site. Upon such a positive comparison, a verification signal **is** communicated to the cashing terminal or site so as to authorize payment of the check...

...account on which the check is drawn at least in the amount of the value **of** the check.

#### Claims:

...first and second sets of data; andf) said central processing unit further structured to **communicate** a verification signal or a non-verification signal to said cashing terminal upon determination of

26/3,K/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012799443 - Drawing available

WPI ACC NO: 2002-656046/200270

XRPX Acc No: N2002-518508

**Identity authentication method for financial transactions, involves comparing received personal data with personal data stored in memory of miniaturized computer**

Patent Assignee: GAINES R V (GAIN-I)

Inventor: GAINES R V

**Patent Family** (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20020095389	A1	20020718	US 1999157749	P	19991005	200270 B
			US 2000680248	A	20001005	
			US 200132265	A	20011221	

Priority Applications (no., kind, date): US 2000680248 A 20001005; US 1999157749 P 19991005; US 200132265 A 20011221

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020095389	A1	EN	49	37	Related to Provisional US 1999157749 C-I-P of application US 2000680248

**Identity authentication method for financial transactions**, involves comparing **received personal data with personal data stored in memory of miniaturized computer**

#### Original Titles:

Method, apparatus and system for identity **authentication**

**Alerting Abstract** ...NOVELTY - The personal data received through the interface of a miniaturized computer is **compared** with the personal data stored in memory of the computer, to verify the personal data. The **authentication** result is displayed....Computer system for authenticating identify **of** person; Memory for storing personal data; and Computer readable medium having identity authentication program

...

...USE - For authenticating the identity of a person for financial **transactions** that is for secure usage of credit card, debit card, electronic cash, phone card and...

...Effectively restores the problems with credit card theft and identify theft by utilizing several security **level** protocols. **Allows multiple** credit cards, electronic cash, phone cards and digital certificates to be stored in one electronic

**Title Terms**.../Index Terms/Additional Words: **COMPARE** ;

#### Class Codes

International Classification (Main): **G06F-017/60**

#### Original Publication Data by Authority

#### Original Abstracts:

...reader and interface. The miniaturized computer is capable of storing large amounts of data and **transmitting** this data to a reader via a robust button interface, wireless transmitter or USB port...

#### Claims:

...method in a computer system for authenticating the identity of a person, the computer system **having** a miniaturized computer comprising a memory for storing personal data, an interface and a first processor for receiving and comparing personal data at various security levels, the method **of** authentication comprising the steps of:receiving personal data through **the** interface of the miniaturized computer;verifying personal data by comparing the personal data received to personal data maintained in the memory of **the** miniaturized computer; anddisplaying the authentication result.

26/3,K/12 (Item 12 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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XX

0012753844 - Drawing available  
WPI ACC NO: 2002-607015/200265  
XRPX Acc No: N2002-480662

**Purchasing card fraud determination method involves matching identifiers and reference portion of applicant data with fraud database**

Patent Assignee: FIRST DATA CORP (FIRS-N)

Inventor: DEGEN R G; RITTER D

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6418436	B1	20020709	US 1999467621	A	19991220	200265 B

Priority Applications (no., kind, date): US 1999467621 A 19991220

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6418436	B1	EN	13	6	

**Purchasing card fraud determination method involves matching identifiers and reference portion of applicant data with fraud database**

#### Original Titles:

Scoring methodology for purchasing card fraud detection .

**Alerting Abstract** ...A purchasing card applicant data includes unique identifier, non-unique identifier and reference portion. The **match** scores for **match** occurring in the identifier, non-unique identifier and reference portion with respect to a fraud...

...are calculated. The fraud purchasing card transaction, is determined based on the sum of the **match** scores....ADVANTAGE - Enables **detecting** purchasing card **fraud** reliably...

...DESCRIPTION OF DRAWINGS - The figure shows the flow diagram of fraud **matching** process.

**Title Terms**.../Index Terms/Additional Words: **MATCH** ;

#### Class Codes

International Classification (Main): G06F-017/30

#### Original Publication Data by Authority

#### Original Abstracts:

A method and system is disclosed for scoring a **match** between applicant data provided by a client and data stored in a fraud database. The...

...a reference portion, a processor having access to the merchant information for calculating a first **match** score based on a **match** occurring in the non-unique identifier portion, a second **match** score based on a **match** occurring in the unique identifier portion, and a third **match** score based on a **match** occurring in the reference portion, and wherein the processor sums the first, second, and third **match** scores to arrive at a **total match** score to determine whether the **total match** score has exceeded a predefined **match** score. If the predefined **match** score is exceed then an alert is sent to the client informing the client



that a fraud **match** with a high degree of reliability has occurred.

**Claims:**

...applicant data including a unique identifier portion having at least one unique identifier data element, a non unique **identifier** portion having at least one non-unique identifier data element, and a reference **portion** having at least one reference data element; determining whether any of the purchasing card applicant data matches any of the fraud data **used** in known frauds of the fraud database; determining which matched purchasing card applicant data occurs in the **unique** identifier portion, the non-unique identifier portion, and the reference portion; determining which at least one unique identifier data element of the unique identifier portion matches **any** of the **fraud** data used in known frauds of the fraud database for each matched purchasing card applicant data occurring in the unique identifier **portion**; determining which at least one non-unique identifier data element of the non-unique identifier portion matches any of the fraud **data** used in known frauds of the **fraud** database for each matched purchasing card applicant data occurring in the non-unique identifier portion; **determining** which at least one reference data element of the reference portion matches any of the fraud data used in known frauds of the fraud database **for** each matched purchasing card applicant data occurring in the reference portion; calculating a first match **score** based on each matched at least one unique identifier data element; calculating a second **match** score based on each **matched** at least one **non**-unique identifier **data** element; calculating a total match **score** by summing the first and second match scores; and **determining** likelihood of the purchasing card transaction being **fraudulent** as a function of the total match score, **wherein** the purchasing card transaction is determined to be fraudulent when the total match score is greater than a **predefined match** score.

26/3,K/17 (Item 17 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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0010637010 - Drawing available

WPI ACC NO: 2001-244020/200125

Related WPI Acc No: 1997-012261; 1998-179632; 1998-241041; 1998-495179;

1998-506090; 2000-365842; 2000-558088; 2000-686548; 2000-686625;

2001-112026; 2001-308034; 2001-315902; 2002-269221; 2003-645145;

2004-533077; 2005-312277; 2005-604264; 2006-362457; 2006-362499

XRFX Acc No: N2001-173738

**Tokenless** authorization **method** for electronic payment e.g. at point-of-sale, automatic teller machines or via Internet, using biometrics

Patent Assignee: HOFFMAN N (HOFF-I); INDIVOS CORP (INDI-N); LAPSLEY P D (LAPS-I); LEE J A (LEEJ-I); PARE D F (PARE-I)

Inventor: HOFFMAN N; LAPSLEY P D; LEE J A; PARE D F

**Patent Family** (2 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20010000535	A1	20010426	US 1994345523	A	19941128	200125 B
			US 1995442895	A	19950517	
			US 1996705399	A	19960829	
			US 1999239570	A	19990129	
			US 2000731536	A	20001206	
US 6950810	B2	20050927	US 1994345523	A	19941128	200563 E
			US 1995442845	A	19950517	
			US 1996705399	A	19960829	
			US 1999239570	A	19990129	
			US 2000731536	A	20001206	

Priority Applications (no., kind, date): US 1995442845 A 19950517; US 1999239570 A 19990129; US 1996705399 A 19960829; US 1995442895 A 19950517; US 1994345523 A 19941128; US 2000731536 A 20001206

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20010000535	A1	EN	20	8	C-I-P of application US 1994345523 C-I-P of application US 1995442895 Continuation of application US 1996705399 C-I-P of application US 1999239570 C-I-P of patent US 5613012 C-I-P of patent US 5615277 Continuation of patent US 5870723
US 6950810	B2	EN			C-I-P of application US 1994345523 C-I-P of application US 1995442845 Continuation of application US 1996705399 C-I-P of application US 1999239570 C-I-P of patent US 5613012 C-I-P of patent US 5615277 Continuation of patent US 5870723 C-I-P of patent US 6269348

**Tokenless authorization method for electronic payment e.g. at point-of-sale, automatic teller machines or via...**

**Alerting Abstract** ...party, a payee also registers an identification data with the third party, the third party **compares** biometric samples of a bid, authorizes financial transaction and transfers funds. DESCRIPTION - An INDEPENDENT CLAIM is also included for a tokenless electronic payment **authorization device...**

...the person being identified rather than to a physical object for validating/verifying buyer's **identification** hence reducing **fraud**.

#### Class Codes

International Classification (Main): **G06F-017/60**

#### Original Publication Data by Authority

#### Original Abstracts:

The invention provides a method and device for tokenless authorization of an electronic **payment** between a payor and a payee using an electronic third party identifier and at least...

...electronically forwarded to the third party electronic identifier. A comparator engine compares the bid biometric **sample** with at least one registered biometric sample for producing either a successful or failed identification of the payor. The comparator engine also compares the payee's **bid** identification data with a payee's registered identification data for producing either a successful or...

...is then formed between the payor and payee, comprising a transaction amount and a payor **financial** account identifier. This transaction is then electronically forwarded to a financial transaction processor for authorization.

...  
...a method and device for tokenless authorization of an electronic payment between a payor and a payee using an electronic third party identicator and at least one payor bid biometric sample...

...party electronic identicator. A comparator engine compares the bid biometric sample with at least one **registered** biometric sample for producing either a successful or failed identification of the payor. The comparator engine also compares the payee's bid identification data with a **payee**'s registered identification data for producing either a successful or failed identification of the payee...

...payor and payee, comprising a transaction amount and a payor financial account identifier. This transaction **is** then electronically forwarded to a financial transaction processor for authorization.

**Claims:**

**<b>1</b>**. A method for tokenless authorization of an electronic **payment** between a payor and a payee using an electronic third party identicator and at least...

...identicator compares the payor bid biometric sample with at least one registered biometric sample for **producing** either a successful or failed identification of the payor; a payee identification step, wherein the...

...the payee's bid identification data with registered payee identification data for producing either a **successful** or failed identification of the payee; an identification response step, wherein upon successful identification of...

...account identifier, and the financial transaction is electronically forwarded to a financial transaction processor for **authorization**; wherein upon successful identification of the payor and payee and authorization of the financial transaction by the financial transaction **processor**, a biometric-based authorization of an electronic payment is given to transfer **funds** from the payor's financial account to a payee's financial account.

...  
...financial account, said device comprising: a computer data processing center further comprising one or more **data** bases wherein the payor registers a registration biometric sample associated with at least one payor...

...least one registration payee identification data; and means coupled to the party identification apparatus for **receiving** a message containing the payor's financial account identifier(s) and transmitting **an** account index code identifying a payor financial account and a transaction amount from the PIA...

...system being arranged so that the biometric sample is sent together with payee identification data **to** the comparator engine and the message containing the payor's financial account identifier(s) is

26/3,K/19 (Item 19 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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0010246198 - Drawing available

WPI ACC NO: 2000-558088/200051

Related WPI Acc No: 1997-012261; 1998-179632; 1998-241041; 1998-495179;  
1998-506090; 2000-365842; 2000-686548; 2000-686625; 2001-112026;  
2001-244020; 2001-308034; 2001-315902; 2002-269221; 2003-645145;  
2004-533077; 2005-312277; 2005-604264; 2006-362457; 2006-362499

XRPX Acc No: N2000-413026

**Tokenless electronic check authorization for financial transactions,**  
**involves comparing input values of data pertaining to transaction with**  
**registered data and authorizing electronic check on successful comparison**  
Patent Assignee: INDIVOS CORP (INDI-N); SMARTTOUCH INC (SMAR-N); VERISTAR  
CORP (VERI-N)

Inventor: HOFFMAN N; LEE J A; PARE D F

**Patent Family** (7 patents, 88 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2000045247	A1	20000803	WO 2000US2349	A	20000131	200051 B
AU 200028644	A	20000818	AU 200028644	A	20000131	200057 E
EP 1151371	A1	20011107	EP 2000907084	A	20000131	200168 E
			WO 2000US2349	A	20000131	
BR 200007797	A	20020205	BR 20007797	A	20000131	200213 E
			WO 2000US2349	A	20000131	
JP 2003525478	W	20030826	JP 2000596438	A	20000131	200357 E
			WO 2000US2349	A	20000131	
MX 2001007718	A1	20020201	WO 2000US2349	A	20000131	200362 E
			MX 20017718	A	20010730	
MX 228347	B	20050607	WO 2000US2349	A	20000131	200627 E
			MX 20017718	A	20010730	

Priority Applications (no., kind, date): US 1999239595 A 19990129

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2000045247	A1	EN	43	7	
National Designated States, Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
AU 200028644	A	EN			Based on OPI patent WO 2000045247
EP 1151371	A1	EN			PCT Application WO 2000US2349 Based on OPI patent WO 2000045247
Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
BR 200007797	A	PT			PCT Application WO 2000US2349 Based on OPI patent WO 2000045247
JP 2003525478	W	JA	57		PCT Application WO 2000US2349 Based on OPI patent WO 2000045247
MX 2001007718	A1	ES			PCT Application WO 2000US2349 Based on OPI patent WO 2000045247
MX 228347	B	ES			PCT Application WO 2000US2349 Based on OPI patent WO 2000045247

**Tokenless electronic check authorization for financial transactions,**  
**involves comparing input values of data pertaining to transaction with**  
**registered data and authorizing electronic check on successful comparison**

**Alerting Abstract ...NOVELTY** - Transaction is done between payor and  
payee by forwarding payee bid identification data, transaction **amount** and

payor biometric samples to electronic identicator. The identicator **compares** input data with registered data and on successful **comparison** electronic check is authorized. DESCRIPTION - Payor and payee are registered with electronic identicator, biometric sample, payor checking **amount** and payee identification data. Payee identification data comprises payee hardware ID code, payee telephone number...

...financial account number, payee biometric and payee biometric and personal identification number (PIN) combination. Transaction **amount** comprises price information, list of goods and services, payee name, date or time, location or...

...iris scan and voice print. An INDEPENDENT CLAIM is also included for tokenless electronic check **authorization** device...

...realized. The computer system is altered in case of reregistration of payor and during biometric **theft**, payors personal **identification** number is changed when payor's biometric sample is determined to be fraudulently duplicated. Thus highly secured access is enabled and resistant to fraudulent transaction **authorization** attempts by unauthorized user's is also improved...

**Title Terms...**/Index Terms/Additional Words: **COMPARE** ;

#### **Class Codes**

International Classification (Main): **G06F-001/08** ...

... **G06F-017/60**

(Additional/Secondary): **G06F-015/00** ...

#### **Original Publication Data by Authority**

#### **Original Abstracts:**

A tokenless authorization of an electronic **check** between a payor and a payee using an electronic third party identicator (Figure 7. item...

...payor and the payee, comprising payee bid identification data, a transaction amount, and at least **one** payor bid biometric sample, wherein the bid biometric sample is obtained from the payor's...

...in one transmission step the payee bid identification data, the transaction amount, and payor bid **biometric** sample are electronically forwarded to the third party electronic identicator (Figure 7. item 4...

...A tokenless authorization of an electronic check between a payor and **a** payee using an electronic third party identicator (Figure 7. item 4) and at least one...

...payee bid identification data, a transaction amount, and at least one payor bid biometric sample, **wherein** the bid biometric sample is obtained from the payor's person, in a formation step...

...payee bid identification data, the transaction amount, and payor bid biometric sample are electronically forwarded **to** the third party electronic identicator (Figure 7. item 4...

**26/3,K/27** (Item 27 from file: 350)  
DIALOG(R) File 350:Derwent WPIX

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0007207960 - Drawing available

WPI ACC NO: 1995-254573/199533

XRPX Acc No: N1995-196529

**Counterfeit document detection device - uses program and computer for selecting certain of those characters and generating from them another string of characters that is unique code**

Patent Assignee: CHAPMAN T R (CHAP-I)

Inventor: CHAPMAN T R

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5432506	A	19950711	US 1992840540	A	19920225	199533 B

Priority Applications (no., kind, date): US 1992840540 A 19920225

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5432506	A	EN	6	2	

**Alerting Abstract** ...USE/ADVANTAGE - In checks security systems. Provision for system for **authenticating** document by entering certain elements into computer to generate code for **comparison** with that unique for **check** , while mismatch indicated **fraud** .

#### Class Codes

International Classification (Main): G06F-015/30

#### Original Publication Data by Authority

#### Original Abstracts:

...bearing date of issue field, payee field and numeric and alpha amount fields, includes a **computer** at the document issuing and printing station that controls the computer. A secret program selects...

...to print on the document as a unique code. Any remote authenticating station can authenticate **the** document with a computer that contains the same secret program used at the time the...

...born by the document are read into the computer at the authenticating station. The secret **program** causes the computer to generate an authenticating code from the **data** read into the computer from the document. The computer compares the authenticating code **to** the **unique** code born by the document. If they do not match, the document is **rejected** as bogus. The system may be applied to checks, money orders, stock certificates, passports and...

#### Claims:

...recorded at a document printing station and authenticated at one or more remote authenticating stations, **the** system comprising: A) printing means at a printing station for printing on a document variable...

...means not accompanying said document; D) a second computer means at a document authenticating station; **E** ) input means connected to said second computer means for entering into said second computer means...

...characters and said unique code read from a document to be authenticated; F) authenticating code **generating** means connected to said second computer means including said secret program means for directing

said...

...first computer means in generating said unique code; and G) comparator means for comparing said **unique** code and said authenticating code **for** rejecting said document when said unique and authenticating codes **do** not match and **for** accepting said document when said codes match, whereby **said** document bears all the document-specific information necessary for verification of said document when said...

**26/3,K/28 (Item 28 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0006364182 - Drawing available

WPI ACC NO: 1993-162638/199320

XRPX Acc No: N1993-124723; N1995-180740

**Key control for use in electronic cashless transaction system - decoding value stored in register by using coding session key stored in memory of IC card, thus obtaining key for intended authentication**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: AKIYAMA R; HASEBE T

**Patent Family** (4 patents, 2 countries)

Patent			Application			Update	
Number	Kind	Date	Number	Kind	Date		
JP 5094458	A	19930416	JP 1991278831	A	19910930	199320	B
US 5428684	A	19950627	US 1992953375	A	19920930	199531	ETAB
US 5539825	A	19960723	US 1992953375	A	19920930	199635	E
			US 1994345416	A	19941121		
JP 3083187	B2	20000904	JP 1991278831	A	19910930	200045	E

Priority Applications (no., kind, date): JP 1991278831 A 19910930

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 5094458	A	JA	22	14	
US 5428684	A	EN	40	21	
US 5539825	A	EN	37	21	Division of application US 1992953375
					Division of patent US 5428684
JP 3083187	B2	JA	22		Previously issued patent JP 05094458

...using coding session key stored in memory of IC card, thus obtaining key for intended authentication

**Alerting Abstract** ...stored in a memory of the IC card, thus obtaining a key for an intended authentication .

#### **Class Codes**

International Classification (Main): G06F-015/21 ...

... G06F-017/60

(Additional/Secondary): G06F-019/00 ...

#### **Original Publication Data by Authority**

#### **Original Abstracts:**

...of the IC card, thereby obtaining a key for an intended authentication.

**Claims:**

...a memory of said IC card, thereby obtaining a key for an intended authentication.

...

...sum of amount transfer data from a holder's account as an unsettled funds file, **and** a store transaction terminal at a participating store stores a transaction amount totalled by each network bank for executing a settlement by billing to **the** bank center amount data on every lapse of a duration, and the IC card has **its** balance register store a usable amount after an input of the bank center for a storage of a **usable** amount in the balance register after a balance adjustment after each transaction;

said **electronic** cashless transaction system comprising:

an accumulated transaction data register/coder means provided in the IC...

...time a store transaction is made using IC card, coding the accumulated transaction data stored **in** said **accumulated** transaction data store means before operating in said accumulated transaction data register/coder means, checking...

...accumulated transaction data match the coded data previously stored in said accumulated transaction data store **means** , and determining that no fraud-proof has been **made** if a check indicates a coincident result and that a fraud-proof has been made

26/3,K/30 (Item 30 from file: 347)

DIALOG(R)File 347:JAPIO

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06865403 \*\*Image available\*\*

ELECTRONIC CASH PAYING/RECEIVING AND VERIFYING SYSTEM, CONSTITUTIVE DEVICE THEREFOR AND RECORDING MEDIUM RECORDING PROGRAM FOR COMPUTER TO EXECUTE ELECTRONIC CASH PAYING/RECEIVING AND VERIFYING METHOD

PUB. NO.: 2001-092906 [JP 2001092906 A]  
PUBLISHED: April 06, 2001 (20010406)  
INVENTOR(s): SATO KENICHI  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)  
APPL. NO.: 11-265098 [JP 99265098]  
FILED: September 20, 1999 (19990920)

INTL CLASS: G06F-019/00 ; G09C-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To strengthen the possibility of **detection** in the **illegal** use of electronic paper money while reducing the **amount** of electronic paper money to be returned to the verification center of the electronic cash...

... capable of uniquely identifying continuous paying processing is determined so that a payer can always **confirm** each of payment during continuous payment, an electronic payer **signature** , which is a component of each of electronic paper money, generated by each of payment...



26/3,K/31 (Item 31 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03790371 \*\*Image available\*\*  
TRANSACTION AUTHENTICATION SYSTEM

PUB. NO.: 04-155471 [JP 4155471 A]  
PUBLISHED: May 28, 1992 (19920528)  
INVENTOR(s): IWAI HISAFUMI  
KUMAI YASUKO  
KOBAYASHI TAKAFUMI  
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or  
Corporation), JP (Japan)  
ENU TEI TEI DEETA TSUUSHIN KK [000000] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 02-279390 [JP 90279390]  
FILED: October 19, 1990 (19901019)  
JOURNAL: Section: P, Section No. 1422, Vol. 16, No. 445, Pg. 53,  
September 17, 1992 (19920917)

TRANSACTION AUTHENTICATION SYSTEM

INTL CLASS: G06F-015/30 ; G06F-015/21 ; G06F-015/30 ; G06F-015/30 ;  
G06K-017/00; G07F-007/12

ABSTRACT

PURPOSE: To easily **detect illegality** by mutually **authenticating** a card and a card terminal, calculating a card transaction cirtification(CF) number based upon card owner specifying data read out of the card and input transaction data and **comparing** the calculated result with a reference value by a credit company or the like...

...is connected to a portable IC card terminal 11 and mutual CF is executed to **confirm** the validity of both the data. Owner specifying data inputted by the card owner are **compared** with the card owner specifying data stored in the card, the validity of the owner is **confirmed**, the purchased **amount** of commodities, a credit member number, etc., are sent to a banking agency or the like and data obtained based upon sent information are scrambled and **compared** by the same key and the same algorithm in both of a host computer in the banking agency and the terminal 11 to **confirm** the validity of the card and the terminal 11 by the host computer and authenticate...

**26/AN,AZ,TI/1 (Item 1 from file: 350) -**

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0016365437

**Credit card fraud detection method for use in large chain store, involves comparing voice samples of candidate with prestored voice signatures of disqualified candidate or fraudsters**

**Original Titles:**

Method and system to detect fraud using voice data

Local Applications (No Type Date): US 2005673472 P 20050421; US  
2006404342 A 20060414

Priority Applications (no., kind, date): US 2005673472 P 20050421; US  
2006404342 A 20060414

**26/AN,AZ,TI/2 (Item 2 from file: 350)**

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0016213480

**Detecting fraud and incremental commitment of value of stored value cards, involves adjusting available balance of stored value card and releasing hold on requested value based on transfer request from specific vendor**

**Original Titles:**

Method and system of detecting fraud and incremental commitment of value

Local Applications (No Type Date): US 2005665403 P 20050325; US  
2006365138 A 20060301

Priority Applications (no., kind, date): US 2005665403 P 20050325; US  
2006365138 A 20060301

**26/AN,AZ,TI/3 (Item 3 from file: 350)**

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0014928821

**Illegal duplication identification apparatus of credit card, compares authentication code generated by authentication processing apparatus based on card information, and code calculated by terminal system**

**Original Titles:**

METHOD FOR FINDING FRAUDULENT CREDIT CARD DUPLICATION BY DOUBLE COUNT

Local Applications (No Type Date): JP 2003316182 A 20030909

Priority Applications (no., kind, date): JP 2003316182 A 20030909

**26/AN,AZ,TI/4 (Item 4 from file: 350)**

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0014716272

**User's signature validating method for during payment card transaction, involves comparing written signatures of user at point of sale with signature block of payment card, and notifying whether signatures meet preset criteria**

**Original Titles:**

Signature verification apparatus and method

Local Applications (No Type Date): US 2003442967 P 20030127; US  
2004764987 A 20040126

Priority Applications (no., kind, date): US 2003442967 P 20030127; US  
2004764987 A 20040126

**26/AN,AZ,TI/5 (Item 5 from file: 350)**

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0014649960

**Cell value merging program for use in scoring system, compares total value with reference value and records total value in cell if total value is less than reference value**

**Original Titles:**

DATA MERGING PROGRAM, DATA MERGING METHOD, AND SCORING SYSTEM USING DATA MERGING PROGRAM

Data merging program, data merging method, and scoring system using data merging program

Local Applications (No Type Date): US 2003747039 A 20031230; JP  
2003131377 A 20030509; JP 2003131377 A 20030509; JP 2005215812 A  
20050726; JP 2003131377 A 20030509

Priority Applications (no., kind, date): JP 2005215812 A 20050726; JP  
2003131377 A 20030509

**26/AN,AZ,TI/6 (Item 6 from file: 350)**

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0014649864

**Score calculating program for credit card, involves calculating reliability of data accumulation using samples and cases, and calculating fraud score using probability of occurrence of fraud and reliability of data accumulation**

**Original Titles:**

CALCULATION PROGRAM AND METHOD FOR ILLEGAL DETERMINATION SCORE VALUE, AND CALCULATION SYSTEM FOR ILLEGAL DETERMINATION SCORE VALUE OF CREDIT CARD

Fraud score calculating program, method of calculating fraud score, and fraud score calculating system for credit cards

Local Applications (No Type Date): US 2003747098 A 20031230; JP  
2003129410 A 20030507

Priority Applications (no., kind, date): JP 2003129410 A 20030507

**26/AN,AZ,TI/7 (Item 7 from file: 350)**

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0014389585

**Coupon fraud deterring method in online shopping, involves approving user for issuing provider coupon, based on number of times user requested the coupon, and reimbursing retailer based on validation of coupons forwarded by retailer**

**Original Titles:**

Fraud deterred product and service coupons  
Local Applications (No Type Date): US 2000513963 A 20000228  
Priority Applications (no., kind, date): US 2000513963 A 20000228

**26/AN,AZ,TI/8 (Item 8 from file: 350)**

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0014381070

**Financial transaction verification method in electronic commerce, involves issuing identification for payment instrument registered by payer, and authenticating payee using ID before transferring funds to payee's account**

**Original Titles:**

Anti-fraud document transaction system

Local Applications (No Type Date): US 2003438574 P 20030109; US 2003463535 P 20030418; US 2003488985 P 20030722; US 2003488987 P 20030722; US 2003488988 P 20030722; US 2003646314 A 20030821  
Priority Applications (no., kind, date): US 2003488988 P 20030722; US 2003488987 P 20030722; US 2003488985 P 20030722; US 2003463535 P 20030418; US 2003438574 P 20030109; US 2003646314 A 20030821

**26/AN,AZ,TI/9 (Item 9 from file: 350)**

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0012979514

**Bank check authenticity verification system has central processing unit which provides verification signal to cashing terminal based on comparison between pre-printed account data and individualized payee data appearing on same bank check**

**Original Titles:**

System and method for verifying the authenticity of a check and authorizing payment thereof

Local Applications (No Type Date): US 1999458974 A 19991210; CA 2408078 A 20021015  
Priority Applications (no., kind, date): US 1999458974 A 19991210; CA 2408078 A 20021015

**26/AN,AZ,TI/10 (Item 10 from file: 350)**

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0012816758

**Remittance transferring method involves associating remittance to authorization code before transferring remittance from merchant's smart card to customer loyalty smart card**

**Original Titles:**

Electronic remittance transfer from a merchant's smart card to a consumer loyalty smart card identified by a transaction authorization code

Local Applications (No Type Date): US 2000734619 A 20001213  
Priority Applications (no., kind, date): US 2000734619 A 20001213

**26/AN,AZ,TI/11 (Item 11 from file: 350)**

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0012799443

**Identity authentication method for financial transactions, involves comparing received personal data with personal data stored in memory of miniaturized computer**

**Original Titles:**

Method, apparatus and system for identity authentication

Local Applications (No Type Date): US 1999157749 P 19991005; US

2000680248 A 20001005; US 200132265 A 20011221

Priority Applications (no., kind, date): US 2000680248 A 20001005; US 1999157749 P 19991005; US 200132265 A 20011221

**26/AN,AZ,TI/12 (Item 12 from file: 350)**

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0012753844

**Purchasing card fraud determination method involves matching identifiers and reference portion of applicant data with fraud database**

**Original Titles:**

Scoring methodology for purchasing card fraud detection .

Local Applications (No Type Date): US 1999467621 A 19991220

Priority Applications (no., kind, date): US 1999467621 A 19991220

**26/AN,AZ,TI/13 (Item 13 from file: 350)**

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0012255423

**Virtual safe transaction server for electronic commerce over Internet, receives commands from emulator for performing transactions over networking using records in virtual smart card database**

**Original Titles:**

VERFAHREN UND ANORDNUNG FUR EINEN VIRTUELLEN TRESOR

A METHOD AND SYSTEM FOR A VIRTUAL SAFE

PROCEDE ET SYSTEME POUR UN COFFRE-FORT VIRTUEL

Method and system for a virtual safe

Method and system for a virtual safe

Method and system for a virtual safe

A METHOD AND SYSTEM FOR A VIRTUAL SAFE

PROCEDE ET SYSTEME POUR UN COFFRE-FORT VIRTUEL

Local Applications (No Type Date): WO 2001CA504 A 20010417; AU 200148198

A 20010417; CA 2305249 A 20000414; EP 2001921084 A 20010417; WO

2001CA504 A 20010417; WO 2001CA504 A 20010417; US 2002269033 A

20021011; JP 2001577310 A 20010417; WO 2001CA504 A 20010417; WO

2001CA504 A 20010417; US 2002269033 A 20021011; WO 2001CA504 A

20010417; US 2002269033 A 20021011; US 2005175767 A 20050706; AU

2001248198 A 20010417

Priority Applications (no., kind, date): CA 2305249 A 20000414

**26/AN,AZ,TI/14 (Item 14 from file: 350)**

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0011209287

**Method of matching names to detect fraudulent credit card transactions by determining the status of a bank set flag and if set scanning for a name field and matching the name or address against a database**

**Original Titles:**

METHOD FOR PREVENTING FRAUDULENT FINANCIAL TRANSACTIONS

PROCEDE DE PREVENTION DE TRANSACTIONS FINANCIERES FRAUDULEUSES

Local Applications (No Type Date): WO 2001US41226 A 20010629; AU  
200173662 A 20010629

Priority Applications (no., kind, date): US 2000607571 A 20000629

**26/AN,AZ,TI/15 (Item 15 from file: 350)**

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0011047485

**Automatic game and wagering monitoring system e.g. for blackjack game, tracks wager chips in bank on game board and chips on playing surface portion of game board, based on output of chip reader and table imager**

**Original Titles:**

VERFAHREN UND VORRICHTUNG ZUR CASINO- UND

WETTENAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABERWACHUNG

Verfahren und vorrichtung zur casino- und wettenueberwachung

VERFAHREN UND VORRICHTUNG ZUR CASINO- UND WETTENUBERWACHUNG

METHOD AND APPARATUS FOR MONITORING CASINOS AND GAMING

PROCEDE ET APPAREIL DE CONTROLE DE CASINOS ET DE JEUX

VERFAHREN UND VORRICHTUNG ZUR CASINO- UND WETTENUBERWACHUNG

METHOD AND APPARATUS FOR MONITORING CASINOS AND GAMING

PROCEDE ET APPAREIL DE CONTROLE DE CASINOS ET DE JEUX

Spielkartenleser

Card deck reader

Lecteur de cartes de jeu

Verfahren und Vorrichtung zum Aufbewahren und Lesen von Jetons

Method and apparatus for storing and reading casino chips

Procede et appareil de stockage et de lecture de jetons de casino

Method and apparatus for monitoring casinos and gaming

Method and apparatus for monitoring casinos and gaming

Method and apparatus for monitoring casinos and gaming

Method and apparatus for monitoring casinos and gaming

Method and apparatus for monitoring casinos and gaming

Method and apparatus for monitoring casinos and gaming

Method and apparatus for monitoring casinos and gaming

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METHOD AND APPARATUS FOR MONITORING CASINOS AND GAMING

Method and apparatus for monitoring casinos and gaming

Method and apparatus for monitoring casinos and gaming

Method and apparatus for monitoring casinos and gaming

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 METHOD AND APPARATUS FOR MONITORING CASINOS AND GAMING  
 PROCEDE ET APPAREIL DE CONTROLE DE CASINOS ET DE JEUX

Local Applications (No Type Date): WO 2000US10496 A 20000419; AU  
 200049743 A 20000419; EP 2000931937 A 20000419; WO 2000US10496 A  
 20000419; US 1999130368 P 19990421; US 1999474858 A 19991230; US  
 200115507 A 20011213; US 1999130368 P 19990421; US 1999474858 A  
 19991230; US 200116547 A 20011213; US 1999130368 P 19990421; US  
 1999474858 A 19991230; US 200115324 A 20011213; US 1999130368 P  
 19990421; US 1999474858 A 19991230; US 200115327 A 20011213; US  
 1999130368 P 19990421; US 1999474858 A 19991230; US 200115364 A  
 20011213; US 1999130368 P 19990421; US 1999474858 A 19991230; US  
 200115517 A 20011213; US 1999130368 P 19990421; US 1999474858 A  
 19991230; US 200115515 A 20011213; BR 20009936 A 20000419; WO  
 2000US10496 A 20000419; US 1999130368 P 19990421; US 1999474858 A  
 19991230; US 200255589 A 20020122; US 1999130368 P 19990421; US  
 1999474858 A 19991230; US 200255601 A 20020122; US 1999130368 P  
 19990421; US 1999474858 A 19991230; US 200255525 A 20020122; US  
 1999130368 P 19990421; US 1999474858 A 19991230; US 200251493 A  
 20020118; US 1999130368 P 19990421; US 1999474858 A 19991230; US  
 200275191 A 20020213; US 1999130368 P 19990421; US 1999474858 A  
 19991230; US 200275548 A 20020213; US 1999130368 P 19990421; US  
 1999474858 A 19991230; US 1999130368 P 19990421; US 1999474858 A  
 19991230; US 200255525 A 20020122; US 1999130368 P 19990421; US  
 1999474858 A 19991230; US 200115515 A 20011213; US 1999130368 P  
 19990421; US 1999474858 A 19991230; US 200115517 A 20011213; US  
 1999130368 P 19990421; US 1999474858 A 19991230; US 200255589 A  
 20020122; US 1999130368 P 19990421; US 1999474858 A 19991230; US  
 200115327 A 20011213; US 1999130368 P 19990421; US 1999474858 A  
 19991230; US 200116547 A 20011213; US 1999130368 P 19990421; US  
 1999474858 A 19991230; US 200275548 A 20020213; US 1999130368 P  
 19990421; US 1999474858 A 19991230; US 200251493 A 20020118; ZA  
 20019567 A 20011120; US 1999130368 P 19990421; US 1999474858 A  
 19991230; US 200116547 A 20011213; US 2002329245 A 20021223; US  
 1999130368 P 19990421; US 1999474858 A 19991230; US 200115507 A  
 20011213; US 1999474858 A 19991230; US 200255601 A 20020122; US  
 1999130368 P 19990421; US 1999474858 A 19991230; US 200275191 A  
 20020213; AU 200049743 A 20000419; US 1999130368 P 19990421; US  
 1999474858 A 19991230; US 200115364 A 20011213; AU 200049743 A  
 20000419; AU 2003231629 A 20030805; AU 200049743 A 20000419; AU  
 2003231630 A 20030805; US 1999130368 P 19990421; US 1999474858 A  
 19991230; US 200115324 A 20011213; US 1999130368 P 19990421; US  
 1999474858 A 19991230; US 200116547 A 20011213; US 2002329245 A  
 20021223; EP 2000931937 A 20000419; WO 2000US10496 A 20000419; US  
 1999130368 P 19990421; US 1999474858 A 19991230; US 200116547 A  
 20011213; US 2002329245 A 20021223; US 2004862222 A 20040607; DE  
 60014620 A 20000419; EP 2000931937 A 20000419; WO 2000US10496 A  
 20000419; EP 2000931937 A 20000419; WO 2000US10496 A 20000419; EP  
 200423700 A 20000419; EP 200423701 A 20000419; EP 2000931937 A

20000419; EP 200423701 A 20000419; EP 2000931937 A 20000419; EP 200423700 A 20000419; EP 2000931937 A 20000419; US 1999130368 P 19990421; US 1999474858 A 19991230; US 200116547 A 20011213; US 2002329245 A 20021223; US 2004862222 A 20040607; US 200530609 A 20050105; DE 60014620 A 20000419; EP 2000931937 A 20000419; WO 2000US10496 A 20000419; US 1999130368 P 19990421; US 1999474858 A 19991230; US 200116547 A 20011213; US 2002329245 A 20021223; US 2004862222 A 20040607; CA 2370753 A 20000419; CA 2533855 A 20000419; CA 2370753 A 20000419; CA 2534043 A 20000419; DE 60014620 A 20000419; EP 2000931937 A 20000419; WO 2000US10496 A 20000419; CA 2370753 A 20000419; CA 2543251 A 20000419; CA 2370753 A 20000419; CA 2542908 A 20000419; CA 2370753 A 20000419; CA 2543220 A 20000419; CA 2370753 A 20000419; CA 2543221 A 20000419; US 1999130368 P 19990421; US 1999474858 A 19991230; US 200116547 A 20011213; US 2002329245 A 20021223; US 2004862222 A 20040607; US 200530609 A 20050105; US 2006408862 A 20060421; AU 200049743 A 20000419; AU 2003231629 A 20030805

Priority Applications (no., kind, date): US 1999130368 P 19990421; US 1999474858 A 19991230; US 200115324 A 20011213; US 200115327 A 20011213; US 200115364 A 20011213; US 200115507 A 20011213; US 200115515 A 20011213; US 200115517 A 20011213; US 200116547 A 20011213; US 200251493 A 20020118; US 200255525 A 20020122; US 200255589 A 20020122; US 200255601 A 20020122; US 200275191 A 20020213; US 200275548 A 20020213; US 2002329245 A 20021223; AU 2003231629 A 20030805; AU 2003231630 A 20030805; US 2004862222 A 20040607; US 200530609 A 20050105; US 2006408862 A 20060421

26/AN,AZ,TI/16 (Item 16 from file: 350)

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0010978613

Fraudulent credit payment transaction detecting method for Internet, bank, involves computing fraud score, based on functions of commodities and transaction parameters received from vendor

**Original Titles:**

SYSTEM UND VERFAHREN ZUR ERKENNUNG BETRUGERISCHER TRANSAKTIONEN  
 SYSTEM AND METHOD FOR DETECTING FRAUDULENT TRANSACTIONS  
 SYSTEME ET PROCEDE SERVANT A DETECTER DES TRANSACTIONS FRAUDULEUSES  
 System and method for detecting fraudulent transactions  
 System and method for detecting fraudulent transactions  
 System and method for detecting fraudulent transactions  
 SYSTEM AND METHOD FOR DETECTING FRAUDULENT TRANSACTIONS  
 SYSTEME ET PROCEDE SERVANT A DETECTER DES TRANSACTIONS FRAUDULEUSES

Local Applications (No Type Date): WO 2001US8815 A 20010319; AU 200149276 A 20010319; EP 2001922479 A 20010319; WO 2001US8815 A 20010319; KR 2002712639 A 20020924; US 2000535298 A 20000324; US 2002298625 A 20021118; US 2000535298 A 20000324; US 2002298814 A 20021118; JP 2001571295 A 20010319; WO 2001US8815 A 20010319; CN 2001810095 A 20010319; US 2000535298 A 20000324; US 2002298625 A 20021118; AU 2001249276 A 20010319

Priority Applications (no., kind, date): US 2002298814 A 20021118; US 2002298625 A 20021118; US 2000535298 A 20000324

26/AN,AZ,TI/17 (Item 17 from file: 350)

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0010637010

**Tokenless authorization method for electronic payment e.g. at point-of-sale, automatic teller machines or via Internet, using biometrics**

**Original Titles:**

Tokenless biometric electronic financial transactions via a third party identifier

Tokenless biometric electronic financial transactions via a third party identifier

Local Applications (No Type Date): US 1994345523 A 19941128; US 1995442895 A 19950517; US 1996705399 A 19960829; US 1999239570 A 19990129; US 2000731536 A 20001206; US 1994345523 A 19941128; US 1995442845 A 19950517; US 1996705399 A 19960829; US 1999239570 A 19990129; US 2000731536 A 20001206

Priority Applications (no., kind, date): US 1995442845 A 19950517; US 1999239570 A 19990129; US 1996705399 A 19960829; US 1995442895 A 19950517; US 1994345523 A 19941128; US 2000731536 A 20001206

**26/AN,AZ,TI/18 (Item 18 from file: 350)**

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0010543053

**Check writing point of sale system, enables central computer system and automated clearing house for searching consumer bank account status and for transferring funds without using bank check respectively**

**Original Titles:**

Check writing point of sale system.

Check writing point of sale system.

Local Applications (No Type Date): US 1996775400 A 19961231; US 1996775400 A 19961231; US 2000562303 A 20000501; US 2001851609 A 20010509

Priority Applications (no., kind, date): US 2001851609 A 20010509; US 2000562303 A 20000501; US 1996775400 A 19961231

**26/AN,AZ,TI/19 (Item 19 from file: 350)**

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0010246198

**Tokenless electronic check authorization for financial transactions, involves comparing input values of data pertaining to transaction with registered data and authorizing electronic check on successful comparison**

**Original Titles:**

TOKENLOSE BIOMETRISCHE ELEKTRONISCHE KONTROLL-TRANSAKTION

TOKENLESS BIOMETRIC ELECTRONIC CHECK TRANSACTIONS

VERIFICATIONS ELECTRONIQUES BIOMETRIQUES SANS JETON

TOKENLESS BIOMETRIC ELECTRONIC CHECK TRANSACTIONS

VERIFICATIONS ELECTRONIQUES BIOMETRIQUES SANS JETON

Local Applications (No Type Date): WO 2000US2349 A 20000131; AU 200028644 A 20000131; EP 2000907084 A 20000131; WO 2000US2349 A 20000131; BR 20007797 A 20000131; WO 2000US2349 A 20000131; JP 2000596438 A 20000131; WO 2000US2349 A 20000131; WO 2000US2349 A 20000131; MX 20017718 A 20010730; WO 2000US2349 A 20000131; MX 20017718 A 20010730

Priority Applications (no., kind, date): US 1999239595 A 19990129

**26/AN,AZ,TI/20 (Item 20 from file: 350)**

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0010013133

Unauthorized usage detection method of credit card in commercial network system, involves indicating occurrence of transaction to buyer within one hour of merchant's electronic transmission to authorized agent

**Original Titles:**

DETECTION OF UNAUTHORIZED USE OF PAYMENT INSTRUMENTS OVER COMMERCIAL NETWORK SYSTEMS

DETECTION D'UTILISATION NON AUTORISEE D'INSTRUMENTS DE PAIEMENT SUR DES SYSTEMES DE RESEAU COMMERCIAUX

Local Applications (No Type Date): WO 1999US20693 A 19990909

Priority Applications (no., kind, date): US 199899742 P 19980910

**26/AN,AZ,TI/21 (Item 21 from file: 350)**

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0009091768

Authorisation protection method for EDP transaction - involves forming emergency code from user reference code, based on predetermined logic rules, and triggering emergency signal and/or message at recognition of such emergency code

**Original Titles:**

Verfahren zum Schutz vor erzwungener oder unfreiwilliger Autorisierung fuer eine EDV-Transaktion sowie Vorrichtung zur Durchfuehrung des Verfahrens  
Verfahren zum Schutz vor erzwungener oder unfreiwilliger Autorisierung fuer eine EDV-Transaktion

Local Applications (No Type Date): DE 19646266 A 19961109; DE 19646266 A 19961109

Priority Applications (no., kind, date): DE 19646266 A 19961109

**26/AN,AZ,TI/22 (Item 22 from file: 350)**

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0008978262

Supplementary product sales processing system for point of sale terminal - has POS terminal that is connected to controller, for performing merchandise transactions and lottery transactions in accordance with received lottery information

**Original Titles:**

VERFAHREN UND SYSTEM ZUR VERARBEITUNG DES VERKAUFS ZUSATZLICHER PRODUKTE AN EINEM VERKAUFSENDGERAT

METHOD AND SYSTEM FOR PROCESSING SUPPLEMENTARY PRODUCT SALES AT A POINT-OF-SALE TERMINAL

PROCEDE ET SYSTEME DE TRAITEMENT DE VENTES DE PRODUITS SUPPLEMENTAIRES A UN TERMINAL DE POINT DE VENTE

CHANGE OF ORBITAL PLANE ORIENTATION OF SATELLITE USING WEAK STABILITY BOUNDARY

METHOD AND SYSTEM FOR PROCESSING AUXILIARY PRODUCT SALES IN POINT-OF-SALE TERMINAL

System and method for performing lottery ticket transactions utilizing point-of-sale terminals

Method and apparatus for selling subscriptions to periodicals in a retail environment

Method and apparatus for controlling offers that are provided at a point-of-sale terminal

System and method for performing lottery ticket transactions utilizing point-of-sale terminals

Method and apparatus for facilitating the play of fractional lottery tickets utilizing point-of-sale terminals

Method and system for processing supplementary product sales at a point-of-sale terminal

Method and apparatus for selling subscriptions to periodicals in a retail environment.

Method and system for processing supplementary product sales at a point-of-sale terminal.

Method and apparatus for controlling offers that are provided at a point-of-sale terminal.

System and method for performing lottery ticket transactions utilizing point-of-sale terminals.

Method and apparatus for selling subscriptions to periodicals in a retail environment.

Method and apparatus for selling subscriptions to periodicals in a retail environment.

Method and apparatus for selling subscriptions to periodicals in a retail environment.

Method and apparatus for selling subscriptions to periodicals in a retail environment

Method and apparatus for selling subscriptions to periodicals in a retail environment

System and method for performing lottery ticket transactions utilizing point-of-sale terminals

Method and system for processing supplementary product sales at a point-of-sale terminal

System and method for performing lottery ticket transactions utilizing point-of-sale terminals

Method and apparatus for processing a supplementary product sale at a point-of-sale terminal

METHOD AND SYSTEM FOR PROCESSING SUPPLEMENTARY PRODUCT SALES AT A POINT-OF-SALE TERMINAL

Local Applications (No Type Date): WO 1998US5787 A 19980320; AU 199867714

A 19980320; US 1997841791 A 19970505; EP 1998913082 A 19980320; WO

1998US5787 A 19980320; CN 1998803555 A 19980320; US 1997822709 A

19970321; US 1997920116 A 19970826; US 1997822709 A 19970321; US

1997920116 A 19970826; US 199845084 A 19980320; WO 1998US5787 A

19980320; MX 19998555 A 19990917; US 1997822709 A 19970321; KR

1999708595 A 19990920; US 1997822709 A 19970321; US 2001836409 A

20010416; AU 199874683 A 19980424; US 1997841791 A 19970505; US

1999335644 A 19990618; BR 199815463 A 19980320; WO 1998US5787 A

19980320; US 1997841791 A 19970505; US 199872715 A 19980505; US

1997841791 A 19970505; US 199873169 A 19980505; US 1997841791 A

19970505; US 1999335644 A 19990618; US 2001998760 A 20011101; AU

199867714 A 19980320; AU 200215647 A 20020215; JP 1998545921 A

19980320; WO 1998US5787 A 19980320; US 1997841791 A 19970505; US

199873165 A 19980505; US 1997841791 A 19970505; US 199873082 A

19980505; US 1997822709 A 19970321; US 1997920116 A 19970826; US

199845084 A 19980320; US 2001777297 A 20010207; US 1997822709 A

19970321; US 2001836409 A 20010416; US 1997822709 A 19970321; US

1997920116 A 19970826; US 1999442754 A 19991112; US 1997822709 A

19970321; US 2001836409 A 20010416; US 2003424362 A 20030425; CA 2284662 A 19980320; WO 1998US5787 A 19980320; US 1997822709 A 19970321; US 1997920116 A 19970826; US 199845036 A 19980320; US 2003642978 A 20030818; AU 199867714 A 19980320; AU 200215647 A 20020215; JP 1998546354 A 19980424; JP 2004333792 A 20041117; US 1997822709 A 19970321; US 1997920116 A 19970826; US 1999442754 A 19991112; US 2003625089 A 20030722; CN 1998806557 A 19980424; US 1997822709 A 19970321; US 2001836409 A 20010406; US 2003424362 A 20030425; JP 1998545921 A 19980320; JP 2005230017 A 20050808; US 1997822709 A 19970321; US 1997920116 A 19970826; US 199845518 A 19980320

Priority Applications (no., kind, date): US 1997822709 A 19970321; US 199744318 P 19970424; US 1997841791 A 19970505; US 199748244 P 19970602; US 1997920116 A 19970826; WO 1998US1924 A 19980204; US 199845036 A 19980320; US 199845084 A 19980320; US 199845347 A 19980320; US 199845386 A 19980320; US 199845518 A 19980320; WO 1998US5787 A 19980320; WO 1998US5787 A 19980325; US 199872715 A 19980505; US 199873082 A 19980505; US 199873165 A 19980505; US 199873169 A 19980505; US 1999335644 A 19990618; US 1999442754 A 19991112; US 2001777297 A 20010207; US 2001836409 A 20010406; US 2001836409 A 20010416; US 2001998760 A 20011101; AU 200215647 A 20020215; US 2003424362 A 20030425; US 2003625089 A 20030722; US 2003642978 A 20030818

**26/AN,AZ,TI/23 (Item 23 from file: 350)**

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0008480053

**Multi-computer system with network for embedding and reading watermark - facilitates scale and rotation registration for steganographic decoding using rotationally symmetric steganographically embedded patterns and subliminal digital graticules, for enhanced security in financial transactions**

**Original Titles:**

DURCH GEBRAUCH VON INFORMATIONEN IN DATENOBJEKTEN VERBUNDENES  
KOMPUTERSYSTEM

COMPUTER SYSTEM LINKED BY USING INFORMATION IN DATA OBJECTS

SYSTEMES INFORMATIQUES RELIES PAR L'UTILISATION D'INFORMATIONS CONTENUES  
DANS DES OBJETS DE DONNEES

Method and apparatus for discerning image distortion by reference to  
encoded marker signals

Watermarking methods and media

Computer system linked by using information in data objects

Methods for marking images

Method for monitoring internet dissemination of image, video, and/or audio  
files

Printable interfaces and digital linking with embedded codes

Method for monitoring internet dissemination of image, video, and/or audio  
files

Embedding information in a digital image digitized from a developed  
photographic film

Method and apparatus for discerning image distortion by reference to  
encoded marker signals

Method and apparatus for discerning image distortion by reference to  
encoded marker signals

Method for monitoring internet dissemination of image, video, and/or audio  
files

Printable interfaces and digital linking with embedded codes

Decoding steganographic messages embedded in media signals  
Digital watermark decoding method  
Watermarking methods and media  
Computer system linked by using information in data objects  
Method and system for managing, accessing and paying for the use of  
copyrighted electronic media  
Data hiding method and system for embedding and extracting information in  
signals  
Method for monitoring internet dissemination of image, video and/or audio  
files

COMPUTER SYSTEM LINKED BY USING INFORMATION IN DATA OBJECTS

Local Applications (No Type Date): WO 1997US8351 A 19970516; AU 199730086  
A 19970516; EP 1997924752 A 19970516; WO 1997US8351 A 19970516; US  
1995534005 A 19950925; US 1996637531 A 19960425; US 1996649419 A  
19960516; US 1998186962 A 19981105; US 2000561407 A 20000427; US  
2001795339 A 20010227; US 1995438159 A 19950508; US 1996637531 A  
19960425; US 1996649419 A 19960516; US 1998186962 A 19981105; US  
2001764975 A 20010117; US 1995436102 A 19950508; US 1995508083 A  
19950727; US 1995534005 A 19950925; WO 1996US6618 A 19960507; US  
1996649419 A 19960516; US 1996746613 A 19961112; US 2000560976 A  
20000428; US 2001768941 A 20010123; US 1996637531 A 19960425; US  
1996649419 A 19960516; US 1998186962 A 19981105; US 1999413117 A  
19991006; US 2002109437 A 20020326; US 1996637531 A 19960425; US  
1996649419 A 19960516; US 1998186962 A 19981105; US 2002118849 A  
20020408; US 1993154866 A 19931118; US 1994215289 A 19940317; US  
1994327426 A 19941021; US 1995436098 A 19950508; US 1995508083 A  
19950727; US 1996649419 A 19960516; US 1996746613 A 19961112; US  
2000612177 A 20000706; US 2002189157 A 20020703; US 1993154866 A  
19931118; US 1994215289 A 19940317; US 1994327426 A 19941021; US  
1995436102 A 19950508; US 1995508083 A 19950727; US 1995534005 A  
19950925; US 1996637531 A 19960425; WO 1996US6618 A 19960507; US  
1996649419 A 19960516; US 1998186962 A 19981105; US 2000561407 A  
20000427; US 1995534005 A 19950925; US 1996637531 A 19960425; US  
1996649419 A 19960516; US 1998186962 A 19981105; US 2000561407 A  
20000427; US 2001795339 A 20010227; US 1993154866 A 19931118; US  
1994215289 A 19940317; US 1994327426 A 19941021; US 1995436102 A  
19950508; US 1995508083 A 19950727; US 1995534005 A 19950925; US  
1996637531 A 19960425; WO 1996US6618 A 19960507; US 1996649419 A  
19960516; US 1998186962 A 19981105; US 2002273311 A 20021016; US  
1993154866 A 19931118; US 1994215289 A 19940317; US 1994327426 A  
19941021; US 1995436102 A 19950508; US 1995508083 A 19950727; US  
1995534005 A 19950925; US 1996637531 A 19960425; WO 1996US6618 A  
19960507; US 1996649419 A 19960516; US 1998186962 A 19981105; US  
2000657148 A 20000907; US 1993154866 A 19931118; US 1994215289 A  
19940317; US 1994327426 A 19941021; US 1995436098 A 19950508; US  
1995508083 A 19950727; US 1996649419 A 19960516; US 1996746613 A  
19961112; US 2000612177 A 20000706; US 2002189157 A 20020703; US  
1993154866 A 19931118; US 1994215289 A 19940317; US 1994327426 A  
19941021; US 1995436098 A 19950508; US 1995508083 A 19950727; US  
1996649419 A 19960516; US 1996746613 A 19961112; US 2000612177 A  
20000706; US 1993154866 A 19931118; US 1994215289 A 19940317; US  
1994327426 A 19941021; US 1995436102 A 19950508; US 1995508083 A  
19950727; US 1995534005 A 19950925; US 1996637531 A 19960425; WO  
1996US6618 A 19960507; US 1996649419 A 19960516; US 1998186962 A  
19981105; US 1999408026 A 19990929; US 1996637531 A 19960425; US  
1996649419 A 19960516; US 1998186962 A 19981105; US 2001764975 A  
20010117; US 1995508083 A 19950727; WO 1996US6618 A 19960507; US  
1996649419 A 19960516; US 1996746613 A 19961112; US 2000545174 A  
20000406; US 1993154866 A 19931118; US 1994215289 A 19940317; US  
1994327426 A 19941021; WO 1994US13366 A 19941116; US 1995436098 A  
19950508; US 1995436099 A 19950508; US 1995436102 A 19950508; US

1995436134 A 19950508; US 1995438159 A 19950508; US 1995508083 A  
 19950727; US 1995512993 A 19950809; US 1995534005 A 19950925; US  
 1996637531 A 19960425; WO 1996US6618 A 19960507; US 1996649419 A  
 19960516; US 1996746613 A 19961112; US 2000612177 A 20000706; US  
 2001972792 A 20011005; US 1993154866 A 19931118; US 1994215289 A  
 19940317; US 1994327426 A 19941021; US 1995436098 A 19950508; US  
 1995508083 A 19950727; US 1996649419 A 19960516; US 1996746613 A  
 19961112; US 2000545174 A 20000406; US 2004821414 A 20040409; US  
 1993154866 A 19931118; US 1994215289 A 19940317; US 1994327426 A  
 19940921; US 1995436102 A 19950508; US 1995508083 A 19950727; US  
 1995534005 A 19950925; US 1996637531 A 19960425; WO 1996US6618 A  
 19960507; US 1996649419 A 19960516; US 1998186962 A 19981105; US  
 2002273311 A 20021016; US 1993154866 A 19931118; US 1994215289 A  
 19940317; US 1994327426 A 19941021; US 1995436102 A 19950508; US  
 1995508083 A 19950727; US 1995534005 A 19950925; US 1996637531 A  
 19960425; WO 1996US6618 A 19960507; US 1996649419 A 19960516; US  
 1998186962 A 19981105

Priority Applications (no., kind, date): US 1993154866 A 19931118; US  
 1994215289 A 19940317; US 1994327426 A 19940921; US 1994327426 A  
 19941021; WO 1994US13366 A 19941116; US 1995436098 A 19950508; US  
 1995436099 A 19950508; US 1995436102 A 19950508; US 1995436134 A  
 19950508; US 1995438159 A 19950508; US 1995508083 A 19950727; US  
 1995512993 A 19950809; US 1995534005 A 19950925; US 1996637531 A  
 19960425; WO 1996US6618 A 19960507; US 1996649419 A 19960516; US  
 1996746613 A 19961112; US 1998186962 A 19981105; US 1999408026 A  
 19990929; US 1999413117 A 19991006; US 2000545174 A 20000406; US  
 2000561407 A 20000427; US 2000560976 A 20000428; US 2000612177 A  
 20000706; US 2000657148 A 20000907; US 2001764975 A 20010117; US  
 2001768941 A 20010123; US 2001795339 A 20010227; US 2001972792 A  
 20011005; US 2002109437 A 20020326; US 2002118849 A 20020408; US  
 2002189157 A 20020703; US 2002273311 A 20021016; US 2004821414 A  
 20040409

**26/AN,AZ,TI/24 (Item 24 from file: 350)**

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0008160154

**Fraudulent call detection method for telecommunications network -  
 measuring call duration and comparing with predetermined threshold limit,  
 identifying call as potentially fraudulent when threshold is exceeded**

**Original Titles:**

Call handling method for credit and fraud management.

Local Applications (No Type Date): GB 199623744 A 19961114; CA 2185591 A  
 19960916; MX 19965648 A 19961118; US 1995562229 A 19951121; CA

2185591 A 19960916; GB 199623744 A 19961114; MX 19965648 A 19961118

Priority Applications (no., kind, date): US 1995562229 A 19951121

**26/AN,AZ,TI/25 (Item 25 from file: 350)**

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0007313104

**Entity behaviour profile building method for use in health care - involves  
 developing composite using fuzzy reasoning and defuzzification to determine  
 behaviour profiles from large number of behaviour characteristics**

**Original Titles:**

Bestimmung des Verhaltensprofils einer Funktionseinheit mittels unscharfer Logik

Fuzzy logic entity behavior profiler

Determination du profile de comportement d'une unite de fonction par une logique floue

Bestimmung des Verhaltensprofils einer Funktionseinheit mittels unscharfer Logik

Fuzzy logic entity behavior profiler

Determination du profile de comportement d'une unite de fonction par une logique floue

SYSTEM AND METHOD FOR DECIDING FUZZY LOGIC ENTITY OPERATION PROFILE

Fuzzy logic entity behavior profiler.

Local Applications (No Type Date): EP 1995104823 A 19950331; JP 199529062

A 19950217; EP 1995104823 A 19950331; US 1994236731 A 19940429; US

1994236731 A 19940429; US 1996697900 A 19960830; EP 1995104823 A

19950331; DE 69527880 A 19950331; EP 1995104823 A 19950331

Priority Applications (no., kind, date): US 1996697900 A 19960830; EP

1995104823 A 19950331; US 1994236731 A 19940429

**26/AN,AZ,TI/26 (Item 26 from file: 350)**

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0007305187

**Object verification system for security sensitive documents - stores unique signature generated by random placement of irregularly shaped conductive regions for comparison**

**Original Titles:**

Method and system for the detection of counterfeit credit or debit cards and other counterfeit objects

METHOD AND SYSTEM FOR AUTHENTICATING OBJECTS

Local Applications (No Type Date): WO 1995CA206 A 19950411; AU 199522112

A 19950411; US 1994225714 A 19940411

Priority Applications (no., kind, date): US 1994225714 A 19940411

**26/AN,AZ,TI/27 (Item 27 from file: 350)**

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0007207960

**Counterfeit document detection device - uses program and computer for selecting certain of those characters and generating from them another string of characters that is unique code**

**Original Titles:**

Counterfeit document detection system

Local Applications (No Type Date): US 1992840540 A 19920225

Priority Applications (no., kind, date): US 1992840540 A 19920225

**26/AN,AZ,TI/28 (Item 28 from file: 350)**

DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0006364182

**Key control for use in electronic cashless transaction system - decoding**

value stored in register by using coding session key stored in memory of IC card, thus obtaining key for intended authentication

**Original Titles:**

KEY MANAGEMENT SYSTEM FOR ELECTRONIC PURSE SYSTEM

Electronic cashless transaction system

Electronic cashless transaction system.

Local Applications (No Type Date): JP 1991278831 A 19910930; US 1992953375 A 19920930; US 1992953375 A 19920930; US 1994345416 A 19941121; JP 1991278831 A 19910930

Priority Applications (no., kind, date): JP 1991278831 A 19910930

**26/AN,AZ,TI/29 (Item 29 from file: 350)**

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0002326758

**Protector for access to data processor permanent memory - utilises access and error memories with access only via programmed microprocessor**

**Original Titles:**

Vorrichtung fuer den Schutz des Zugangs zu einem Dauerspeicher bei einer Datenverarbeitungsanlage

Tragbarer Informationstraeger

Verfahren zum Aufzeichnen einer Zugriffsinformation oder einer Fehlerinformation in einem Informationstrager

PORTABLE DATA CARRIER

Device for the protection of access to a permanent memory of a portable data carrier

Local Applications (No Type Date): FR 197726107 A 19770826; FR 197917171 A 19790702; DE 3025044 A 19800702; US 1980137973 A 19800407; DE 3025044 A 19800702; JP 1992272038 A 19800702; JP 1995238791 A 19800702; DE 3025044 A 19800702; DE 3051266 A 19800702; DE 3025044 A 19800702; DE 3051266 A 19800702

Priority Applications (no., kind, date): FR 197917171 A 19790702

**26/AN,AZ,TI/30 (Item 30 from file: 347)**

DIALOG(R)File 347:(c) 2007 JPO & JAPIO. All rts. reserv.

06865403

**ELECTRONIC CASH PAYING/RECEIVING AND VERIFYING SYSTEM, CONSTITUTIVE DEVICE THEREFOR AND RECORDING MEDIUM RECORDING PROGRAM FOR COMPUTER TO EXECUTE ELECTRONIC CASH PAYING/RECEIVING AND VERIFYING METHOD**

APPL. NO.: 11-265098 [JP 99265098]

**26/AN,AZ,TI/31 (Item 31 from file: 347)**

DIALOG(R)File 347:(c) 2007 JPO & JAPIO. All rts. reserv.

03790371

**TRANSACTION AUTHENTICATION SYSTEM**

APPL. NO.: 02-279390 [JP 90279390]



? show files;ds

File 348:EUROPEAN PATENTS 1978-2007/ 200716

(c) 2007 EUROPEAN PATENT OFFICE

File 349:PCT FULLTEXT 1979-2007/UB=20070503UT=20070426

(c) 2007 WIPO/Thomson

Set	Items	Description
S1	1440603	DETECT??? OR FIND??? OR DISCOVER??? OR SPOT???? OR CATCH??? OR RECOGNI? OR MONITOR??? OR ASSESS? OR IDENTIFY??? OR IDENT- IFICATION OR CHECK???
S2	36519	FRAUD OR FRAUDULEN?? OR DEFRAUD??? OR THEFT OR STEAL??? OR CHEAT??? OR DECEPTI?? OR ILLEGAL??? OR DISHONEST OR DISHONESTY
S3	37533	(CHARGE OR CREDIT OR BANK OR MASTER OR SMART OR AMERICAN()- EXPRESS)() (CARD OR CARDS) OR CHARGECARD OR CHARGECARDS OR CRE- DITCARD OR CREDITCARDS OR BANKCARD OR BANKCARDS OR VISA OR MA- STERCARD OR AMEX
S4	1638740	COMPAR??? OR COMPARISON OR RECONCIL? OR CORRELAT??? OR COR- ELAT??? OR JUXTAPOS? OR MATCH??? OR CORRESPOND? OR CONFIRM???
S5	369008	AUTHENTICATI?? OR SIGNATURE OR AUTHORI?ATION OR (2 OR TWO - OR UNIQUE OR DISTINCT?)(2N)(FACTOR OR FACTORS OR ELEMENT OR E- LEMENTS OR CHARACTERISTIC OR CHARACTERISTICS OR ATTRIBUTE OR - ATTRIBUTES OR PARAMAT??? OR PARAMET???)
S6	1239388	AMOUNT OR AMOUNTS OR TOTAL OR TOTALS
S7	5147	S1(3N)S2
S8	195	S3(10N)S7
S9	830	S4(10N)(S5(10N)S6)
S10	0	S8(S)S9
S11	21	S2(S)S9
S12	217086	IC=(G06F OR G06Q OR H04M)
S13	11	S11 AND S12 )
S14	11	IDPAT (sorted in duplicate/non-duplicate order)
S15	11	IDPAT (primary/non-duplicate records only)

15/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2007 EUROPEAN PATENT OFFICE. All rts. reserv.

01930027

**Secure transaction management**

**Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung**

**Procede et dispositif de gestion de transactions securisees**

PATENT ASSIGNEE:

Intertrust Technologies Corp., (2434323), 955 Stewart Drive, Sunnyvale,  
CA 94085, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, MD 20705, (US)

Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, CA 94530, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)

Van Wie, David M., 51430 Williamette Street, 6, Eugene, OR 97401, (US)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis (28273), BERESFORD & Co. 16 High Holborn,  
London WC1V 6BX, (GB)

PATENT (CC, No, Kind, Date): EP 1555591 A2 050720 (Basic)

EP 1555591 A3 051123

APPLICATION (CC, No, Date): EP 2005075672 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS (V7): G06F-001/00 ; G06F-017/60

ABSTRACT WORD COUNT: 147

NOTE:

Figure number on first page: 23

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200529	1002
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SPEC A	(English)	200529	194028
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Total word count - document A	195030
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Total word count - document B	0
-------------------------------	---

Total word count - documents A + B	195030
------------------------------------	--------

INTERNATIONAL PATENT CLASS (V7): G06F-001/00 ...

... G06F-017/60

...SPECIFICATION content container is "evolving" as it securely (e.g.  
communicated in encrypted form and using **authentication** and digital  
signaturing techniques) passes, at least in part, to a new participant's  
VDE...

15/3,K/4 (Item 4 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00996373

**SYSTEM FOR ISSUING AUTHENTICATION DATA BASED ON A SPECIFIC TIME, MEDIUM FOR  
STORING AUTHENTICATION DATA ISSUED BY THE ISSUING SYSTEM AND SYSTEM FOR  
AUTHENTICATI**

**SYSTEM ZUR AUSGABE VON AUF EINER BESTIMMTEN ZEIT BERUHENDEN**

AUTHENTIZITATS DATEN, MITTEL ZUM SPEICHERN VON DURCH DAS AUSGAE SYSTEM  
AUSGE GEBENEN AUTHENTIZITATS DATE  
SYSTEME DESTINE A EMETTRE DES DONNEES D'AUTHE NTIFICATION EN FONCTION D'UNE  
HEURE SPECIFIQUE, MOYEN DE STOCKAGE DES DONNEES D'AUTHE NTIFICATION  
EMISES PAR LE SYST

PATENT ASSIGNEE:

Sugiyama, Akira, (2339870), Fujinokidaidanchi 27-102, 1, Sugeshengoku  
3-chome, Tama-ku, Kawasaki-shi, Kanagawa 214, (JP), (applicant  
designated states: CH;DE;DK;FI;FR;GB;IE;LI;SE)

INVENTOR:

Sugiyama, Akira, Fujinokidaidanchi 27-102, 1, Sugeshengoku 3-chome,  
Tama-ku, Kawasaki-shi, Kanagawa 214, (JP)

LEGAL REPRESENTATIVE:

MULLER & HOFFMANN Patentanwalte (101521), Innere Wiener Strasse 17, 81667  
Munche n, (DE)

PATENT (CC, No, Kind, Date): EP 919960 A1 990602 (Basic)  
WO 9843210 981001

APPLICATION (CC, No, Date): EP 97907444 970324; WO 97JP972 970324

PRIORITY (CC, No, Date): EP 97907444 970324; WO 97JP972 970324

DESIGNATED STATES: CH; DE; DK; FI; FR; GB; IE; LI; SE

INTERNATIONAL PATENT CLASS (V7): G07C-011/00; **G06F-015/00** ; G07F-007/08;  
G07B-005/06; G06K-017/00;

ABSTRACT WORD COUNT: 180

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9922	4231
SPEC A	(English)	9922	11319
Total word count - document A			15550
Total word count - document B			0
Total word count - documents A + B			15550

...INTERNATIONAL PATENT CLASS (V7): **G06F-015/00**

...SPECIFICATION of the computers and thereby effectively avoid damages  
that would be caused by any person **stealing** the **authentication** data.  
BACKGROUND ART

Today, various prepaid cards, each prestoring money **amount**  
information **corresponding** to a certain amount of money paid in advance,  
are being widely used in various...

15/AN,AZ,TI/1 (Item 1 from file: 348)

DIALOG(R)File 348:(c) 2007 EUROPEAN PATENT OFFICE. All rts. reserv.

01930027

Secure transaction management

Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung

Procede et dispositif de gestion de transactions securisees

APPLICATION (CC, No, Date): EP 2005075672 960213;

PRIORITY (CC, No, Date): US 388107 950213

15/AN,AZ,TI/2 (Item 2 from file: 348)

DIALOG(R)File 348:(c) 2007 EUROPEAN PATENT OFFICE. All rts. reserv.

01752676

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

APPLICATION (CC, No, Date): EP 2004075701 960213;

PRIORITY (CC, No, Date): US 388107 950213

15/AN,AZ,TI/3 (Item 3 from file: 348)

DIALOG(R)File 348:(c) 2007 EUROPEAN PATENT OFFICE. All rts. reserv..

01627324

WIRELESS AUTHENTICATION SYSTEM

DRAHTLOSES AUTHENTISIERUNGSSYSTEM

SYSTEME D'AUTHENTIFICATION RADIO

APPLICATION (CC, No, Date): EP 2002728206 020531; WO 2002JP5342 020531

PRIORITY (CC, No, Date): CN 1144883 011228

15/AN,AZ,TI/4 (Item 4 from file: 348)

DIALOG(R)File 348:(c) 2007 EUROPEAN PATENT OFFICE. All rts. reserv.

00996373

SYSTEM FOR ISSUING AUTHENTICATION DATA BASED ON A SPECIFIC TIME, MEDIUM FOR STORING AUTHENTICATION DATA ISSUED BY THE ISSUING SYSTEM AND SYSTEM FOR AUTHENTICATI

SYSTEM ZUR AUSGABE VON AUF EINER BESTIMMTEN ZEIT BERUHENDEN AUTHENTIZITATSDATEN, MITTEL ZUM SPEICHERN VON DURCH DAS AUSGAESYSTEM AUSGEGEBENEN AUTHENTIZITATSDATE

SYSTEME DESTINE A EMETTRE DES DONNEES D'AUTHENTIFICATION EN FONCTION D'UNE HEURE SPECIFIQUE, MOYEN DE STOCKAGE DES DONNEES D'AUTHENTIFICATION EMISES PAR LE SYST

APPLICATION (CC, No, Date): EP 97907444 970324; WO 97JP972 970324

PRIORITY (CC, No, Date): EP 97907444 970324; WO 97JP972 970324

15/AN,AZ,TI/5 (Item 5 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01066592

PURCHASING ON THE INTERNET USING VERIFIED ORDER INFORMATION AND BANK PAYMENT ASSURANCE

ACHAT SUR INTERNET UTILISANT DES DONNEES DE COMMANDE VERIFIEES ET UNE

**ASSURANCE DE PAIEMENT BANCAIRE**

Application: WO 2003US14813 20030509 (PCT/WO US0314813)  
Parent Application/Grant:  
Related by Continuation to: US 2001859616 20010516 (CIP)

**15/AN,AZ,TI/6 (Item 6 from file: 349)**

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00933152

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES**

**SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,  
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES**

Application: WO 2001US51437 20011019 (PCT/WO US0151437)  
Parent Application/Grant:  
Related by Continuation to: US 2000694050 20001020 (CIP)

**15/AN,AZ,TI/7 (Item 7 from file: 349)**

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00863536

**ONLINE MACHINE DATA COLLECTION AND ARCHIVING PROCESS**

**PROCEDE MACHINE EN LIGNE DE RECUEIL ET ARCHIVAGE DE DONNEES**

Application: WO 2001US18076 20010605 (PCT/WO US0118076)

**15/AN,AZ,TI/8 (Item 8 from file: 349)**

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00806384

**NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND  
METHOD THEREOF**

**GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT  
DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE**

Application: WO 2000US32324 20001122 (PCT/WO US0032324)

**15/AN,AZ,TI/9 (Item 9 from file: 349)**

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00752104

**METHODS FOR PROCESSING A GROUP OF ACCOUNTS CORRESPONDING TO DIFFERENT  
PRODUCTS**

**PROCEDES PERMETTANT DE TRAITER UN GROUPE DE COMPTES CORRESPONDANT A  
DIFFERENTS PRODUITS**

Application: WO 99US31315 19991230 (PCT/WO US9931315)

**15/AN,AZ,TI/10 (Item 10 from file: 349)**

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00752103

**METHOD FOR DEFINING A RELATIONSHIP BETWEEN AN ACCOUNT AND A GROUP**

**PROCEDES PERMETTANT DE DEFINIR UNE RELATION ENTRE UN COMPTE ET UN GROUPE**

Application: WO 99US31203 19991230 (PCT/WO US9931203)

**15/AN,AZ,TI/11 (Item 11 from file: 349)**

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00752102

METHOD FOR LINKING ACCOUNTS CORRESPONDING TO DIFFERENT PRODUCTS TOGETHER TO  
CREATE A GROUP

PROCEDE PERMETTANT DE RELIER DES COMPTES CORRESPONDANTS A DES PRODUITS  
DIFFERENTS AFIN DE CREER UN GROUPE

Application: WO 99US31202 19991230 (PCT/WO US9931202)